

- FILE HOME ENTERED AT 19:50:52 ON 27 JUN 2002
- => FIL MEDLINE, BIOSIS, CAPLUS, SCISEARCH, EMBASE
COST IN U.S. DOLLARS ENTRY SESSION TOTAL
FULL ESTIMATED COST 0.21 0.21
- FILE MEDLINE ENTERED AT 19:51:28 ON 27 JUN 2002
- FILE BIOSIS ENTERED AT 19:51:28 ON 27 JUN 2002
- COPYRIGHT (C) 2002 BIOLOGICAL ABSTRACTS INC.(R)
- FILE CAPLUS ENTERED AT 19:51:28 ON 27 JUN 2002
- USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
- PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
- COPYRIGHT (C) 2002 AMERICAN CHEMICAL SOCIETY (ACS)
- FILE SCISEARCH ENTERED AT 19:51:28 ON 27 JUN 2002
- COPYRIGHT (C) 2002 Institute for Scientific Information (ISI) (R)
- FILE EMBASE ENTERED AT 19:51:28 ON 27 JUN 2002
- COPYRIGHT (C) 2002 Elsevier Science B.V. All rights reserved.
- => s PPAR gamma AND coactivator
L1 267 PPAR GAMMA AND COACTIVATOR
- => dup rem 11
PROCESSING COMPLETED FOR L1
L2 118 DUP REM L1 (149 DUPLICATES REMOVED)
- => s L2 AND PGC-1
L3 29 L2 AND PGC-1
- => s L3 AND (assay or test or identity?)
L4 13 L3 AND (ASSAY OR SCREEN OR TEST OR IDENTIFY?)
- => dup rem 14
PROCESSING COMPLETED FOR L4
L5 13 DUP REM L4 (0 DUPLICATES REMOVED)
- => d 1-13 it so
- L5 ANSWER 1 OF 13 CAPLUS COPYRIGHT 2002 ACS
TI Regulation of human PGC-1-like protein in prevention and treatment of various dysfunctions or diseases
SO PCT Int. Appl. 85 pp.
CODEN: PIXXD2
- L5 ANSWER 2 OF 13 MEDLINE
TI Transcriptional effects of chronic Akt activation in the heart.
SO JOURNAL OF BIOLOGICAL CHEMISTRY, (2002 Jun 21) 277 (25) 2328-33.
Journal code: 2985121R, ISSN: 0021-9258.
- L5 ANSWER 3 OF 13 MEDLINE
TI Peroxisome proliferator-activated receptor (PPAR) gamma coactivator-1 recruitment regulates PPAR subtype specificity.
SO JOURNAL OF BIOLOGICAL CHEMISTRY, (2002 May 10) 277 (19) 16750-7.
Journal code: 2985121R, ISSN: 0021-9258.
- L5 ANSWER 4 OF 13 CAPLUS COPYRIGHT 2002 ACS
TI Modulation of mitochondrial mass and function for the treatment of diseases and for target and drug discovery
SO PCT Int. Appl. 183 pp.
CODEN: PIXXD2
- L5 ANSWER 5 OF 13 MEDLINE
TI Pgc-1-related coactivator, a novel, serum-inducible coactivator of nuclear respiratory factor 1-dependent transcription in mammalian cells
SO MOLECULAR AND CELLULAR BIOLOGY, (2001 Jun) 21 (11) 3738-49.
Journal code: 8109087, ISSN: 0270-7306.
- L5 ANSWER 6 OF 13 CAPLUS COPYRIGHT 2002 ACS
TI Mutation analysis of peroxisome proliferator-activated receptor-gamma coactivator-1 (PGC-1) and relationships of identified amino acid polymorphisms to Type II diabetes mellitus
SO Diabetologia (2001), 44(12), 2226-2226
CODEN: DBTGAJ, ISSN: 0012-186X
- L5 ANSWER 7 OF 13 CAPLUS COPYRIGHT 2002 ACS
TI Peroxisome proliferator-activated receptor alpha, activates transcription of the brown fat uncoupling protein-1 gene: a link between regulation of the thermogenic and lipid oxidation pathways in the brown fat cell
SO Journal of Biological Chemistry (2001), 276(2), 1486-1493
CODEN: JBCHAJ, ISSN: 0021-9258
- L5 ANSWER 8 OF 13 CAPLUS COPYRIGHT 2002 ACS
TI FOXO2 is a winged helix gene that counteracts obesity, hypertriglyceridemia, and diet-induced insulin resistance
SO Cell (Cambridge, MA, United States) (2001), 106(5), 563-573
CODEN: CELLS5, ISSN: 0092-8674
- L5 ANSWER 9 OF 13 CAPLUS COPYRIGHT 2002 ACS
TI PGC-1, a versatile coactivator
SO Trends in Endocrinology and Metabolism (2001), 12(6), 360-365
CODEN: TENME4, ISSN: 1043-2760
- L5 ANSWER 10 OF 13 CAPLUS COPYRIGHT 2002 ACS
TI Cloning and cDNA sequences of murine and human PPAR gamma coactivator (PGC-1) and its biological function in brown adipose tissue thermogenesis and related activities
SO PCT Int. Appl. 125 pp.
CODEN: PIXXD2
- L5 ANSWER 11 OF 13 MEDLINE
TI The coactivator PGC-1 cooperates with peroxisome proliferator-activated receptor alpha in transcriptional control of nuclear genes encoding mitochondrial fatty acid oxidation enzymes.
SO MOLECULAR AND CELLULAR BIOLOGY, (2000 Mar) 20 (5) 1868-76.
Journal code: 8109087, ISSN: 0270-7306.
- L5 ANSWER 12 OF 13 CAPLUS COPYRIGHT 2002 ACS
TI Cloning and mRNA tissue distribution of human PPAR gamma coactivator-1
SO International Journal of Obesity (1999), 23(12), 1327-1332
CODEN: IJOBDP, ISSN: 0307-0565
- L5 ANSWER 13 OF 13 CAPLUS COPYRIGHT 2002 ACS
TI A cold-inducible coactivator of nuclear receptors linked to adaptive thermogenesis
SO Cell (Cambridge, Massachusetts) (1998), 92(6), 829-839
CODEN: CELLS5, ISSN: 0092-8674
- => d 13 ab
- L5 ANSWER 13 OF 13 CAPLUS COPYRIGHT 2002 ACS
AB Adaptive thermogenesis is an important component of energy homeostasis and a metabolic defense against obesity. The authors have cloned a novel transcriptional coactivator of nuclear receptors, termed PGC-1, from a brown fat cDNA library. PGC-1 mRNA expression is dramatically elevated upon cold exposure of mice in both brown fat and skeletal muscle, key thermogenic tissues. PGC-1 greatly increases the transcriptional activity of PPAR gamma, and the thyroid hormone receptor on the uncoupling protein (UCP-1) promoter. Ectopic expression of PGC-1 in white adipose cells activates expression of UCP-1 and key mitochondrial enzymes of the respiratory chain, and increases the cellular content of mitochondrial DNA. These results indicate that PGC-1 plays a key role in linking nuclear receptors to the transcriptional program of adaptive thermogenesis.
- => s anderson/au and mitochondrion?
L6 0 ANDERSON/AU AND MITOCHONDRION?
- => s anderson/?
"?" IS NOT A VALID FIELD CODE
"?" IS NOT A VALID FIELD CODE
"?" IS NOT A VALID FIELD CODE
"?" IS NOT A VALID FIELD CODE
"?" IS NOT A VALID FIELD CODE
L7 0 ANDERSON/?
- => s anderson/au and mitochondrion?
L8 1820 ANDERSON/AU AND MITOCHONDRION?
- => s anderson/?au and (PPAR? or PGC?)
L9 99 ANDERSON/?AU AND (PPAR? OR PGC?)
- => s l9 and cleverger/au
L10 0 L9 AND CLEVENGER/AU
- => s l9 and cleverger/?au
L11 2 L9 AND CLEVENGER/?AU
- => d 1-2 au it so
- L11 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2002 ACS
IN Anderson, Christen M.; Cleverger, William, Becker, K. David, Grako, Kathryn
TI Modulation of mitochondrial mass and function for the treatment of diseases and for target and drug discovery
SO U.S. Pat. Appl. Publ. 65 pp., Cont.-in-part of U. S. Ser. No. 49,176
CODEN: USXXCO
- L11 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2002 ACS
IN Anderson, Christen M.; Cleverger, William, Becker,

David K.; Grako, Kathryn A.
 TI Modulation of mitochondrial mass and function for the treatment of
 diseases and for target and drug discovery
 SO PCT Int. Appl., 183 pp
 CODEN: PIXXD2

=> s 10 and Becker//au
 A IS NOT A RECOGNIZED COMMAND
 The previous command name entered was not recognized by the system.
 For a list of commands available to you in the current file, enter
 "HELP COMMANDS" at an arrow prompt (=>).

L12 2 L9 AND BECKER//AU
 => s 10 and Grako//au
 L13 2 L9 AND GRAKO//AU
 => s Grako//au and (mitochondr)
 L14 4 GRAKO//AU AND (MITOCHOND)

=> dup rem l14
 PROCESSING COMPLETED FOR L14
 L15 4 DUP REM L14 (0 DUPLICATES REMOVED)
 => d 1-4

L15 ANSWER 1 OF 4 CAPLUS COPYRIGHT 2002 ACS
 AN 200231565 CAPLUS
 DN 136319406
 TI Modulation of mitochondrial mass and function for the treatment
 of diseases and for target and drug discovery
 IN Anderson, Christen M.; Cleverger, William; Becker, K. David; Grako,
 Kathryn
 PA USA
 SO U.S. Pat. Appl. Publ., 65 pp., Cont.-in-part of U. S. Ser. No. 49,176.
 CODEN: USXXCO
 DT Patent
 LA English
 FAN CNT 2
 PATENT NO. KIND DATE APPLICATION NO. DATE

PI US 2002049176 A1 20020425 US 2001-795651 20010227
 PRAI US 1999-164533P P 19991110
 US 2000-712052 A2 20001113

L15 ANSWER 2 OF 4 CAPLUS COPYRIGHT 2002 ACS
 AN 2001360282 CAPLUS
 DN 134361379
 TI Modulation of mitochondrial mass and function for the treatment
 of diseases and for target and drug discovery
 IN Anderson, Christen M.; Cleverger, William; Becker, David K.; Grako,
 Kathryn A.
 PA Mitokor, USA
 SO PCT Int. Appl., 183 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN CNT 2
 PATENT NO. KIND DATE APPLICATION NO. DATE

PI WO 2001035096 A2 20010517 WO 2000-US311119 20001113
 WO 2001035096 A3 20011129
 W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH,
 CN,
 CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM,
 HR,
 HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT,
 LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT,
 RO, RU,
 SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN,
 YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
 RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE,
 CH, CY,
 DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF,
 BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
 PRAI US 1999-164533P P 19991110

L15 ANSWER 3 OF 4 SCISEARCH COPYRIGHT 2002 ISI (R)
 AN 1999/483983 SCISEARCH
 GA The Genuine Article (R) Number: 194VR
 TI Inhibition of mitochondrial-produced ATP contributes to insulin
 resistance
 AU Grako K. A. (Reprint); Anderson, C. M.
 SO DIABETES. (JUN 1999) Vol 48, Supp. [1], pp. 1984,1984.
 Publisher: AMER DIABETES ASSOC, 1660 DUKE ST, ALEXANDRIA,
 VA 22314.
 ISSN: 0012-1797.
 DT Conference; Journal
 FS LIFE, CLIN
 LA English
 REC Reference Count: 0

L15 ANSWER 4 OF 4 BIOSIS COPYRIGHT 2002 BIOLOGICAL
 ABSTRACTS INC.
 AN 1999/383541 BIOSIS
 DN PREV199900383541
 TI Inhibition of mitochondrial-produced ATP contributes to insulin
 resistance.
 AU Grako, Kathryn A. (1); Anderson, Christen M. (1)
 CS (1) San Diego, CA USA
 SO Diabetes. (1999) Vol 48, No. SUPPL. 1, pp. A448.
 Meeting Info: 59th Scientific Sessions of the American Diabetes
 Association San Diego, California, USA, June 19-22, 1999 American
 Diabetes
 Association
 ISSN: 0012-1797.
 DT Conference
 LA English

=> s Becker//au and mitochondr?
 L16 698 BECKER//AU AND MITOCHOND?
 => s l16 and cleverger//au
 L17 2 L16 AND CLEVENGER//AU
 => s l15 and cleverger//au
 L18 2 L15 AND CLEVENGER//AU
 => s PGC? and western
 L19 81 PGC? AND WESTERN

=> s PGC? (S) western blot
 L20 30 PGC? (S) WESTERN BLOT
 => dup rem l20
 PROCESSING COMPLETED FOR L20
 L21 10 DUP REM L20 (20 DUPLICATES REMOVED)
 => d 1-10

L21 ANSWER 1 OF 10 MEDLINE
 AN 2002125338 MEDLINE
 DN 21843152 Pubmed ID: 11854247
 TI Monoclonal antibody against the Plasmodium falciparum chitinase,
 PCHIT1,
 recognizes a malaria transmission-blocking epitope in Plasmodium
 gallinaceum oocystines unrelated to the chitinase PgcHT1.
 AU Langer Rebecca C.; Li Fengwu; Popov Vsevolod; Kurosky Alexander;
 Vinetz
 Joseph M.
 CS World Health Organization Collaborating Center for Tropical Diseases
 and
 Department of Pathology, University of Texas Medical Branch, Galveston,
 Texas 77555, USA.
 NC CA 88137 (NCI)
 KO2 A150049 (NIAID)
 R01 A145999 (NIAID)
 T32-A110756 (NIAID)
 SO INFECTION AND IMMUNITY. (2002 Mar) 70 (3) 1581-90.
 Journal code: 0246127. ISSN: 0019-9567.
 CV United States
 DT Journal, Article: (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 BM 200204
 ED Entered STN: 20020226
 Last Updated on STN: 20020403
 Entered Medline: 20020401

L21 ANSWER 2 OF 10 MEDLINE
 AN 2002231738 MEDLINE
 DN 21966083 PubMed ID: 11969253
 TI Maternal and zygotic expression of a nanos-class gene in the leech
 Helobdella robusta: primordial germ cells arise from segmental mesoderm.
 AU Kang Dongmin; Pilon Marc; Weisblat David A.
 CS Department of Biological Sciences, Stanford University, Stanford, CA
 94305-5020, USA.
 SO DEVELOPMENTAL BIOLOGY. (2002 May 1) 245 (1) 28-41.
 Journal code: 0372762. ISSN: 0012-1606.
 CV United States
 DT Journal, Article: (JOURNAL ARTICLE)
 LA English
 FS Priority Journals, Space Life Sciences
 BM 200206
 ED Entered STN: 20020424
 Last Updated on STN: 20020623
 Entered Medline: 20020607

L21 ANSWER 3 OF 10 MEDLINE
 AN 2001375714 MEDLINE
 DN 21325478 Pubmed ID: 11431992
 TI Cloning of gene related to salt tolerance from Shorhizobium fredii RT19
 and its expression in Escherichia coli.

AU Ge S C, Liu Y N, Yang S S
 CS Department of Microbiology, College of Biological Sciences, China
 Agricultural University, Beijing 100094, China
 SO I CHUAN HSUEH PAO. ACTA GENETICA SINICA, (2001) 28 (6) 575-82.
 Journal code: 7900784. ISSN: 0379-4172.
 CY China
 DT Journal, Article, (JOURNAL ARTICLE)
 LA Chinese
 FS Priority Journals
 EM 200107
 ED Entered STN: 20010730
 Last Updated on STN: 20010730
 Entered Medicine: 20010726

L21 ANSWER 4 OF 10 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC. DUPLICATE

AN 2002:55323 BIOSIS
 DN PREV200200055323
 TI The porcine glucocorticoid receptor: Sequencing a 2.1 kb cDNA fragment and raising specific polyclonal antibodies for western blotting.
 AU Gutierrez, M.; Eder, S.; Mueller, M.; Claus, R. (1)
 CS (1) Fachgebiet Tierhaltung und Leistungsphysiologie, Institut fuer Tierhaltung und Tierzucht, Universitaet Hohenheim, Garbenstr. 17, 470a, 70599, Stuttgart, thecrt@uni-hohenheim.de Germany
 SO Animal Science (Penciland), (October, 2001) Vol. 73, No. 2, pp. 267-278.
 print.
 ISSN: 1357-7298
 DT Article
 LA English

L21 ANSWER 5 OF 10 MEDLINE DUPLICATE 5
 AN 2000040869 MEDLINE
 DN 200040869 Published ID: 10571780
 TI Mesangial cell signaling cascades in response to mechanical strain and glucose.
 AU Ingram A J, Ly H, Thai K, Kang M J, Scholey J W
 CS Department of Medicine, McMaster University, Hamilton, Ontario, Canada.
 SO KIDNEY INTERNATIONAL, (1999 Nov) 56 (5) 1721-8.
 Journal code: 0324470. ISSN: 0085-2538.
 CY United States
 DT Journal, Article, (JOURNAL ARTICLE)
 LA English
 FS Priority Journals, Space Life Sciences
 EM 199912
 ED Entered STN: 20000113
 Last Updated on STN: 20000113
 Entered Medicine: 19991210

L21 ANSWER 6 OF 10 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
 AN 1999:505717 BIOSIS
 DN PREV19990505717
 TI Induction of functional inducible nitric oxide synthase in monocytes of patients with congestive heart failure. Link with tumour necrosis factor-alpha.

AU Comini, L.; Bachetti, T.; Agnolotti, L.; Gaia, G.; Currelio, S.; Milanesi, B.; Volterrani, M.; Parronello, G.; Cecconi, C.; Giordano, A.; Corti, A.; Ferrar, R. (1)
 CS (1) Sezione di Malattie dell'Apparato Respiratorio, Nuovo Cliniche Ilford piano, Ospedale S. Anna, Corso Giovecca 203, 44100, Ferrara Italy
 SO European Heart Journal, (Oct., 1999) Vol. 20, No. 20, pp. 1503-1513.
 ISSN: 0195-668X.
 DT Article
 LA English
 SL English

L21 ANSWER 7 OF 10 MEDLINE DUPLICATE 6
 AN 1999431049 MEDLINE
 DN 99431049 PubMed ID: 10503724
 TI Epidermal growth factor activates extracellular signal-regulated protein kinases (ERK) in freshly isolated porcine granulosa cells.
 AU Keel B A, Davis J S
 CS Women's Research Institute, Department of Obstetrics and Gynecology, University of Kansas School of Medicine, Wichita, 67214, USA.
 bkeel@kumc.edu
 SO STEROIDS, (1999 Sep) 64 (9) 654-8.
 Journal code: 0404536. ISSN: 0039-128X.
 CY United States
 DT Journal, Article, (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 EM 199910
 ED Entered STN: 20000111
 Last Updated on STN: 20000111
 Entered Medicine: 19991026

L21 ANSWER 8 OF 10 SCISEARCH COPYRIGHT 2002 ISI (R) DUPLICATE 7
 AN 96:19468 SCISEARCH
 GA The Genuine Article (R) Number: TV879
 TI CHAPERONIN-MEDIATED ASSEMBLY OF WILD-TYPE AND MUTANT SUBUNITS OF HUMAN PROPIONYL-CoA CARBOXYLASE EXPRESSED IN ESCHERICHIA-COLI
 AU KEILSON T L, OHURA T, KRAUS J P (Reprint)
 CS UNIV COLORADO, SCH MED, DEPT PEDIAT, BOX C-233, 4200 E 9TH AVE, DENVER, CO, 80262 (Reprint), UNIV COLORADO, SCH MED, DEPT PEDIAT, DENVER, CO, 80262, TOHOKU UNIV, SCH MED, DEPT PEDIAT, SENDAI, MIYAGI 980, JAPAN
 CYA USA, JAPAN
 SO HUMAN MOLECULAR GENETICS, (MAR 1996) Vol. 5, No. 3, pp. 331-337
 ISSN: 0964-6906.
 DT Article, Journal
 FS LIFE
 LA ENGLISH
 REC Reference Count: 38
 ABSTRACT IS AVAILABLE IN THE ALL AND ALL FORMATS

L21 ANSWER 9 OF 10 MEDLINE DUPLICATE 8
 AN 92380188 MEDLINE
 DN 92380188 PubMed ID: 1511691
 TI The polygalacturonases of *Aspergillus niger* are encoded by a family of diverged genes.
 AU Bussink H J, Buxton F P, Fraeye B A, de Graaff L H, Visser J

CS Department of Genetics, Wageningen Agricultural University, The Netherlands.
 SO EUROPEAN JOURNAL OF BIOCHEMISTRY, (1992 Aug 15) 208 (1) 83-90.
 Journal code: 0107600. ISSN: 0014-2956.
 CY GERMANY: Germany, Federal Republic of
 DT Journal, Article, (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 OS GENBANK:M85175; GENBANK:M85176; GENBANK:M85177; GENBANK:S42403; GENBANK:S42404; GENBANK:X64556; GENBANK:X65179; GENBANK:X65180; GENBANK:X65181; GENBANK:Z11975
 EM 199209
 ED Entered STN: 19921018
 Last Updated on STN: 19921018
 Entered Medicine: 19920929

L21 ANSWER 10 OF 10 MEDLINE DUPLICATE 9
 AN 90202703 MEDLINE
 DN 90202703 PubMed ID: 2156805
 TI Insertion mutagenesis of the gene encoding the ferrichrome-iron receptor of *Escherichia coli* K-12.
 AU Carmel G, Helstern D, Henning D, Coulton J W
 CS Department of Microbiology and Immunology, McGill University, Montreal, Quebec, Canada.
 SO JOURNAL OF BACTERIOLOGY, (1990 Apr) 172 (4) 1861-9.
 Journal code: 2985120R. ISSN: 0021-9193.
 CY United States
 DT Journal, Article, (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 EM 199005
 ED Entered STN: 19900601
 Last Updated on STN: 19900129
 Entered Medicine: 19900502

=> s PGC-1 and western
 L22 6 PGC-1 AND WESTERN
 => dup rem L22
 PROCESSING COMPLETED FOR L22
 L23 3 DUP REM L22 (3 DUPLICATES REMOVED)
 => d 1-3 it so

L23 ANSWER 1 OF 3 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
 TI PGC-1 functions as a transcriptional coactivator for the retinoid X receptors
 SO Journal of Biological Chemistry, (February 8, 2002) Vol. 277, No. 6, pp. 3913-3917, <http://www.jbc.org/>, print.
 ISSN: 0021-9728.

L23 ANSWER 2 OF 3 MEDLINE
 TI Response of experimental retinal neovascularization to thiazolidinediones.
 SO ARCHIVES OF OPHTHALMOLOGY, (2001 May) 119 (5) 709-17.
 Journal code: 7706554. ISSN: 0003-9950.

- L23 ANSWER 3 OF 3 MEDLINE DUPLICATE 1
TI Isolation of cDNA clones for human beta-glucocorticoid-inducible using the lambda gt11 expression system.
SO BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS, (1984 Sep 17) 123(2) 574-80
Journal code: 0372516, ISSN: 0006-291X
- => d 1 au
- L23 ANSWER 1 OF 3 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
AU Delerive, Philippe (1); Wu, Yifei; Burris, Thomas P.; Chin, William W.; Sun, Chen S.
L24 281 PGC-1
=> s PGC-1
L25 137 PGC-1 AND MITOCHOND?
=> s PGC-1 and mitochond?
L26 37 L25 AND (COLD OR ELECTRIC? OR ADRENERG?)
=> dup rem L26
PROCESSING COMPLETED FOR L26
L27 12 DUP REM L26 (25 DUPLICATES REMOVED)
=> d 1-12 ti so
- L27 ANSWER 1 OF 12 MEDLINE DUPLICATE 1
TI Peroxisome proliferator-activated receptor gamma coactivator 1 beta (PGC-1beta), a novel PGC-1-related transcription coactivator associated with host cell factor.
SO JOURNAL OF BIOLOGICAL CHEMISTRY, (2002 Jan 18) 277(3) 1645-8.
Journal code: 2985121R, ISSN: 0021-9258
- L27 ANSWER 2 OF 12 MEDLINE
TI Photoperiodic regulation of gene expression in brown and white adipose tissue of Siberian hamsters (Phodopus sungorus).
SO AMERICAN JOURNAL OF PHYSIOLOGY, REGULATORY, INTEGRATIVE AND COMPARATIVE PHYSIOLOGY, (2002 Jan) 282(1) R114-21.
Journal code: 100901230, ISSN: 0361-6119
- L27 ANSWER 3 OF 12 MEDLINE DUPLICATE 2
TI Transcriptional activators and coactivators in the nuclear control of mitochondrial function in mammalian cells.
SO GENE, (2002 Mar 6) 286(1) 81-9.
Journal code: 7706761, ISSN: 0378-1119
- L27 ANSWER 4 OF 12 CAPLUS COPYRIGHT 2002 ACS
TI Modulation of mitochondrial mass and function for the treatment of diseases and for target and drug discovery
SO PCT Int. Appl., 183 pp
CODEN: PXXXX2
- L27 ANSWER 5 OF 12 CAPLUS COPYRIGHT 2002 ACS
TI FOXO2 is a winged helix gene that counteracts obesity,
- hyperglycemia, and diet-induced insulin resistance
SO Cell (Cambridge, MA, United States) (2001), 106(5), 563-573
CODEN: CELLB; ISSN: 0092-8674
- L27 ANSWER 6 OF 12 MEDLINE DUPLICATE 3
TI PGC-1, a versatile coactivator.
SO TRENDS IN ENDOCRINOLOGY AND METABOLISM, (2001 Oct) 12(8) 360-5. Ref: 56
Journal code: 9001516, ISSN: 1043-2760
- L27 ANSWER 7 OF 12 MEDLINE
TI Rapid in vivo PGC-1 mRNA upregulation in brown adipose tissue of Wistar rats by a beta(3)-adrenergic agonist and lack of effect of leptin.
SO MOLECULAR AND CELLULAR ENDOCRINOLOGY, (2001 May 15) 176(1-2) 85-90.
Journal code: 7500844, ISSN: 0303-7207
- L27 ANSWER 8 OF 12 MEDLINE DUPLICATE 4
TI cDNA Cloning and mRNA analysis of PGC-1 in epicardial muscle in swimming-exercised rats.
SO BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS, (2000 Aug 2) 274(2) 350-4.
Journal code: 0372516, ISSN: 0006-291X
- L27 ANSWER 9 OF 12 MEDLINE DUPLICATE 5
TI Role of the beta(3)-adrenergic receptor and/or a putative beta(4)-adrenergic receptor on the expression of uncoupling proteins and peroxisome proliferator-activated receptor-gamma coactivator-1.
SO BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS, (1999 Aug 11) 261(3) 870-6.
Journal code: 0372516, ISSN: 0006-291X
- L27 ANSWER 10 OF 12 MEDLINE DUPLICATE 6
TI Mechanisms controlling mitochondrial biogenesis and respiration through the thermogenic coactivator PGC-1.
SO CELL, (1999 Jul 9) 98(1) 115-24.
Journal code: 0413066, ISSN: 0092-8674
- L27 ANSWER 11 OF 12 CAPLUS COPYRIGHT 2002 ACS
TI Unifying and distinguishing features of brown and white adipose tissues: UCP1 versus other UCPs
SO Progress in Obesity Research, (1999), 8, 13-26
CODEN: POBREL; ISSN: 0962-7936
- L27 ANSWER 12 OF 12 MEDLINE DUPLICATE 7
TI A cold-inducible coactivator of nuclear receptors linked to adaptive thermogenesis.
SO CELL, (1998 Mar 20) 92(6) 829-39.
Journal code: 0413066, ISSN: 0092-8674
- => log off
ALL L# QUERIES AND ANSWER SHTS ARE DELETED AT LOGOFF LOGOFF(Y)/N/HOLD Y
STN INTERNATIONAL LOGOFF AT 20:20:30 ON 27 JUN 2002
- FILE HOME ENTERED AT 08:38:32 ON 28 JUN 2002
- | => FILE MEDLINE BIOSIS CAPLUS | COST IN U.S. DOLLARS | ENTRY | SESSION | SINCE FILE | TOTAL |
|-------------------------------|----------------------|-------|---------|------------|-------|
| FULL ESTIMATED COST | | 0.21 | | | 0.21 |
- FILE MEDLINE ENTERED AT 08:38:45 ON 28 JUN 2002
- FILE BIOSIS ENTERED AT 08:38:45 ON 28 JUN 2002
COPYRIGHT (C) 2002 BIOLOGICAL ABSTRACTS INC.(R)
- FILE CAPLUS ENTERED AT 08:38:45 ON 28 JUN 2002
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETTERMS" FOR DETAILS.
COPYRIGHT (C) 2002 AMERICAN CHEMICAL SOCIETY (ACS)
- => s adrenergic receptor
L1 66071 ADRENERGIC RECEPTOR
=> s 11 and expression and (induc? or activat? or repress?) and (western or protein or immuno?)
2 FILES SEARCHED...
L2 2319 L1 AND EXPRESSION AND (INDUC? OR ACTIVAT? OR REPRESS?) AND (WESTERN OR PROTEIN OR IMMUNO?)
=> s 12 and adrenergic receptor/ti
L3 922 L2 AND ADRENERGIC RECEPTOR/TI
=> s 13 and (induc? or activat? or up-regul?)/ti
L4 323 L3 AND (INDUC? OR ACTIVAT? OR UP-REGUL?)/TI
=> dup rem L4
PROCESSING COMPLETED FOR L4
L5 145 DUP REM L4 (178 DUPLICATES REMOVED)
=> d 25-30 ti so
- L5 ANSWER 25 OF 145 MEDLINE DUPLICATE 15
TI Silent alpha(2C)-adrenergic receptors enable cold-induced vasoconstriction in cutaneous arteries.
SO AMERICAN JOURNAL OF PHYSIOLOGY, HEART AND CIRCULATORY PHYSIOLOGY, (2000 Apr) 278(4) H1075-83.
Journal code: 100901228, ISSN: 0361-6135
- L5 ANSWER 26 OF 145 MEDLINE DUPLICATE 16
TI Expression of functional beta 2-adrenergic receptors in a rat airway epithelial cell line (SP0C) and cell density-dependent induction by glucocorticoids.
SO EXPERIMENTAL LUNG RESEARCH, (2000 Sep) 26(6) 421-35.
Journal code: 8004944, ISSN: 0190-2148
- L5 ANSWER 27 OF 145 MEDLINE
TI Stress induces increases in IL-6 production by T-lymphocytes of patients with the chronic inflammatory disease juvenile rheumatoid arthritis: a putative role for alpha(1)-adrenergic receptors.
SO JOURNAL OF NEUROIMMUNOLOGY, (2000 Oct 2) 110(1-2) 223-9.
Journal code: 8109498, ISSN: 0165-5728

- L5 ANSWER 28 OF 145 MEDLINE DUPLICATE 17
TI Exercise induces lipoprotein lipase and GLUT-4 protein
in muscle independent of adrenergic-receptor
signaling
- SO JOURNAL OF APPLIED PHYSIOLOGY, (2000 Jul) 89 (1) 176-81.
Journal code: 8302536. ISSN: 8750-7587.
- L5 ANSWER 29 OF 145 MEDLINE DUPLICATE 18
TI Downregulation of beta adrenergic receptor
expression on B cells by activation of early signals in
alloantigen-induced immune response
- SO NEUROIMMUNOMODULATION, (2000) 8 (3) 114-21.
Journal code: 9422763. ISSN: 1021-7401.
- L5 ANSWER 30 OF 145 MEDLINE DUPLICATE 19
TI Cell proliferation and Cdc2+/-calmodulin dependent protein
kinase activation mediated by alpha 1A- and alpha 1B-
adrenergic receptor in HEK293 cells
- SO Acta Pharmacol Sin, (2000 Jan) 21 (1) 55-9.
Journal code: 100956087. ISSN: 0253-9736.
- => d 50-55 it so
- L5 ANSWER 50 OF 145 MEDLINE DUPLICATE 36
TI alpha2D/A-adrenergic receptor gene induction
in the retina by phorbol ester: involvement of an AP-2 element.
- SO GENES TO CELLS, (1999 Mar) 4 (3) 161-73.
Journal code: 9607379. ISSN: 1356-9597.
- L5 ANSWER 51 OF 145 BIOSIS COPYRIGHT 2002 BIOLOGICAL
ABSTRACTS INC.
TI Brain death induces increased beta-adrenergic
receptor (betaAR) kinase I expression in the heart
- SO Circulation, (Nov 2, 1999) Vol. 110, No. 18 SUPPL., pp. 1165.
Meeting Info: 72nd Scientific Sessions of the American Heart Association
Atlanta, Georgia, USA November 7-10, 1999
ISSN: 0009-7322.
- L5 ANSWER 52 OF 145 BIOSIS COPYRIGHT 2002 BIOLOGICAL
ABSTRACTS INC.
TI Microvascular smooth-muscle specific expression of alpha2C-
adrenergic receptor: Role of oxidant stress and stress-
activated protein kinase J38 in gene regulation.
- SO Circulation, (Nov 2, 1999) Vol. 110, No. 18 SUPPL., pp. 1848.
Meeting Info: 72nd Scientific Sessions of the American Heart Association
Atlanta, Georgia, USA November 7-10, 1999
ISSN: 0009-7322.
- L5 ANSWER 53 OF 145 MEDLINE DUPLICATE 37
TI Cell type-specific transcriptional activation and suppression of
the alpha 1B adrenergic receptor gene middle promoter
by nuclear factor 1.
- SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1998 Nov 27) 273 (48)
31784-7.
Journal code: 2985121R. ISSN: 0021-9258.
- L5 ANSWER 54 OF 145 MEDLINE DUPLICATE 38
TI Phosphorylation of the cAMP response element-binding protein and
activation of transcription by alpha1 adrenergic
receptors.
- SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1998 Nov 6) 273 (45)
30033-8.
Journal code: 2985121R. ISSN: 0021-9258.
- L5 ANSWER 55 OF 145 MEDLINE DUPLICATE 39
TI Differential coupling of alpha1-, alpha2-, and beta2-adrenergic
receptors to mitogen-activated protein kinase
pathways to differentiation in transfected PC12 cells
- SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1998 Sep 18) 273 (38)
24624-32.
Journal code: 2985121R. ISSN: 0021-9258.
- => d 75-80 it so
- L5 ANSWER 75 OF 145 MEDLINE DUPLICATE 52
TI A 20-nucleotide (A + U)-rich element of beta2-adrenergic
receptor (beta2AR) mRNA mediates binding to beta2AR-binding
protein and is obligate for agonist-induced
destabilization of receptor mRNA.
- SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1997 Apr 25) 272 (17)
11471-8.
Journal code: 2985121R. ISSN: 0021-9258.
- L5 ANSWER 76 OF 145 MEDLINE DUPLICATE 53
TI Beta-adrenergic receptor kinase (GRK2) colocalizes
with beta2-adrenergic receptors during agonist-
induced receptor internalization
- SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1997 Apr 11) 272 (15)
9601-4.
Journal code: 2985121R. ISSN: 0021-9258.
- L5 ANSWER 77 OF 145 MEDLINE
TI Activated T helper 1 and T helper 2 cells differentially express
the beta2-adrenergic receptor: a mechanism for
selective modulation of T helper 1 cell cytokine production.
- SO JOURNAL OF IMMUNOLOGY, (1997 Nov 15) 159 (10) 4857-67.
Journal code: 2985117R. ISSN: 0022-1767.
- L5 ANSWER 78 OF 145 CAPLUS COPYRIGHT 2002 ACS
TI Exercise-induced changes in beta2-adrenergic-
receptor mRNA level measured by competitive RT-PCR
- SO Journal of Applied Physiology, (1997), 82(6), 1926-1931
CODEN: JAPHEV. ISSN: 8750-7587
- L5 ANSWER 79 OF 145 MEDLINE DUPLICATE 54
TI Both the cyclic AMP response element and the activator
protein 2 binding site mediate basal and cyclic AMP-
induced transcription from the dominant promoter of the rat alpha
1B-adrenergic receptor gene in DDITM-2 cells.
- SO MOLECULAR PHARMACOLOGY, (1997 Dec) 52 (6) 1019-26.
Journal code: 0035623. ISSN: 0026-895X.
- L5 ANSWER 80 OF 145 MEDLINE DUPLICATE 55
TI Alpha1D-adrenergic receptors and mitogen-
activated protein kinase mediate increased
protein synthesis by arterial smooth muscle.
- SO MOLECULAR PHARMACOLOGY, (1997 May) 51 (5) 764-75.
Journal code: 0035623. ISSN: 0026-895X.
- => d 81-90 it so
- L5 ANSWER 81 OF 145 MEDLINE DUPLICATE 56
TI Selective up-regulation of alpha1a-adrenergic
receptor protein and mRNA in brown adipose tissue by
neural and beta2-adrenergic stimulation.
- SO MOLECULAR PHARMACOLOGY, (1997 Apr) 51 (4) 644-50.
Journal code: 0035623. ISSN: 0026-895X.
- L5 ANSWER 82 OF 145 MEDLINE DUPLICATE 57
TI Strain-specific response to beta 3-adrenergic receptor
agonist treatment of diet-induced obesity in mice.
- SO ENDOCRINOLOGY, (1997 Jan) 138 (1) 405-13.
Journal code: 0375040. ISSN: 0013-7227.
- L5 ANSWER 83 OF 145 BIOSIS COPYRIGHT 2002 BIOLOGICAL
ABSTRACTS INC.
TI Beta2-adrenergic receptor stimulation induces
upregulation of B7-2 expression on antigen-specific B cells and
enhances Th2-cell dependent antibody production.
- SO Journal of Allergy and Clinical Immunology, (1997) Vol. 99, No. 1 PART
2, pp. S220.
Meeting Info: Joint Meeting of the American Academy of Allergy, Asthma
and Immunology, the American Association of Immunologists and the
Clinical
Immunology Society San Francisco, California, USA February 21-26, 1997
ISSN: 0091-6749.
- L5 ANSWER 84 OF 145 MEDLINE
TI Rapamycin inhibits alpha 1-adrenergic receptor
stimulated cardiac myocyte hypertrophy but not activation of
hypertrophy-associated genes: Evidence for involvement of p70 S6 kinase.
- SO CIRCULATION RESEARCH, (1997 Aug) 81 (2) 176-86.
Journal code: 0047103. ISSN: 0009-7330.
- L5 ANSWER 85 OF 145 MEDLINE DUPLICATE 58
TI Ligand-induced overexpression of a constitutively active beta2-
adrenergic receptor: pharmacological creation of a
phenotype in transgenic mice.
- SO PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF
THE UNITED STATES OF
AMERICA, (1997 Jan 7) 94 (1) 137-41.
Journal code: 7505876. ISSN: 0027-8424.
- L5 ANSWER 86 OF 145 MEDLINE DUPLICATE 59
TI Activation of a beta 2-adrenergic receptor
/Gq alpha signal protein elicits a desensitization-resistant
cAMP fusion capable of inhibiting proliferation of two cancer cell lines.
- SO RECEPTORS AND CHANNELS, (1997) 5 (1) 41-51.
Journal code: 9315376. ISSN: 1060-6823.
- L5 ANSWER 87 OF 145 MEDLINE
TI Regulation of the mRNA-binding protein AUF1 by
activation of the beta2-adrenergic receptor
signal transduction pathway.
- SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1996 Apr 5) 271 (14)
8493-501.
Journal code: 2985121R. ISSN: 0021-9258.
- L5 ANSWER 88 OF 145 MEDLINE DUPLICATE 60
TI Alpha1-adrenergic receptor subtype mRNAs are
differentially regulated by alpha1-adrenergic and other hypertrophic

- stimuli in cardiac myocytes in culture and in vivo. Repression of alpha 1B and alpha 1D but induction of alpha 1C.
SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1996 Mar 8) 271 (10) 5839-43.
Journal code: 2985121R. ISSN: 0021-9258.
- L5 ANSWER 89 OF 145 MEDLINE DUPLICATE 61
TI Beta-adrenergic receptor activation promotes process outgrowth in an embryonic rat basal forebrain cell line and in primary neurons.
SO EUROPEAN JOURNAL OF NEUROSCIENCE, (1996 Oct) 8 (10) 2042-55.
Journal code: 8918110. ISSN: 0953-816X.
- L5 ANSWER 90 OF 145 MEDLINE DUPLICATE 62
TI Insulin and insulin-like growth factor I differentially induce alpha 1-adrenergic receptor subtype expression in rat vascular smooth muscle cells.
SO JOURNAL OF CLINICAL INVESTIGATION, (1996 Oct 15) 98 (8) 1826-34.
Journal code: 7802877. ISSN: 0021-9738.
- => d 91-100 ti so
- L5 ANSWER 91 OF 145 MEDLINE DUPLICATE 63
TI Stabilization of the B-type natriuretic peptide mRNA in cardiac myocytes by alpha-adrenergic receptor activation: potential roles for protein kinase C and mitogen-activated protein kinase.
SO MOLECULAR ENDOCRINOLOGY, (1996 Dec) 10 (12) 1719-27.
Journal code: 8801431. ISSN: 0888-8809.
- L5 ANSWER 92 OF 145 MEDLINE
TI Activation of beta(3) adrenergic receptors suppresses leptin expression and mediates a leptin-independent inhibition of food intake in mice.
SO DIABETES, (1996 Jul) 45 (7) 909-14.
Journal code: 0372763. ISSN: 0012-1797.
- L5 ANSWER 93 OF 145 MEDLINE DUPLICATE 64
TI Post-transcriptional induction of beta 1-adrenergic receptor by retinoic acid, but not triiodothyronine, in C6 glioma cells expressing thyroid hormone receptors.
SO EUROPEAN JOURNAL OF ENDOCRINOLOGY, (1996 Dec) 135 (6) 709-15.
Journal code: 9423848. ISSN: 0804-4643.
- L5 ANSWER 94 OF 145 MEDLINE
TI Adrenergic regulation of ICER (inducible cyclic AMP early repressor) and beta 1-adrenergic receptor gene expression in C6 glioma cells.
SO JOURNAL OF NEUROCHEMISTRY, (1996 Aug) 67 (2) 490-7.
Journal code: 2985190R. ISSN: 0022-3042.
- L5 ANSWER 95 OF 145 MEDLINE DUPLICATE 65
TI Activation of beta-adrenergic receptor kinase during myocardial ischemia.
SO CIRCULATION RESEARCH, (1996 Sep) 79 (3) 455-60.
Journal code: 0047103. ISSN: 0009-7330.
- L5 ANSWER 96 OF 145 MEDLINE DUPLICATE 66
- TI Deletion of the N-terminus of a K+ channel brings about short-term modulation by cAMP and beta 1-adrenergic receptor activation.
SO JOURNAL OF MOLECULAR NEUROSCIENCE, (1996 Winter) 7 (4) 269-76.
Journal code: 9002991. ISSN: 0895-8696.
- L5 ANSWER 97 OF 145 MEDLINE DUPLICATE 67
TI Evaluation of agonist efficacy and receptor reserve for alpha 2D-adrenergic receptor regulated G protein activation in PC12 cell membranes.
SO PHARMACOLOGY, (1996 Apr) 52 (4) 232-62.
Journal code: 0152016. ISSN: 0031-7012.
- L5 ANSWER 98 OF 145 MEDLINE DUPLICATE 68
TI Inducible expression of beta 1- and beta 2-adrenergic receptors in rat C6 glioma cells: functional interactions between closely related subtypes.
SO MOLECULAR PHARMACOLOGY, (1996 Jul) 50 (1) 175-84.
Journal code: 0035623. ISSN: 0026-895X.
- L5 ANSWER 99 OF 145 CAPLUS COPYRIGHT 2002 ACS
TI UVB irradiation induces decreased expression of beta 2-adrenergic receptors in cultured keratinocytes
SO Archives of Dermatological Research (1996), 289(1), 55-56
CODEN: ADDEDL. ISSN: 0340-3696
- L5 ANSWER 100 OF 145 MEDLINE DUPLICATE 69
TI Dual effect of beta-adrenergic receptors on mitogen-activated protein kinase: Evidence for a beta gamma-dependent activation and a G alpha s-cAMP-mediated inhibition
SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1995 Oct 20) 270 (42) 25259-65.
Journal code: 2985121R. ISSN: 0021-9258.
- => d hb
- (FILE HOME ENTERED AT 08:38:32 ON 28 JUN 2002)
- 2002 FILE MEDLINE, BIOSIS, CAPLUS ENTERED AT 08:38:45 ON 28 JUN 2002
- L1 66071 S ADRENERGIC RECEPTOR
L2 2319 S L1 AND EXPRESSION AND (INDUC? OR ACTIVAT? OR REPRESS?) AND (V
L3 922 S L2 AND ADRENERGIC RECEPTOR/TI
L4 323 S L3 AND (INDUC? OR ACTIVAT? OR UP-REGUL?)/TI
L5 145 DUP REM L4 (178 DUPLICATES REMOVED)
- => s l4 and express?/ti
L6 99 L4 AND EXPRESS?/TI
=> dup rem l6
PROCESSING COMPLETED FOR L6
L7 46 DUP REM L6 (53 DUPLICATES REMOVED)
- => d 20-30 ti so
- L7 ANSWER 20 OF 46 MEDLINE DUPLICATE 13
TI Alpha 2-adrenergic receptor activation inhibits calcitonin gene-related peptide expression in cultured dorsal root ganglia neurons.
SO BRAIN RESEARCH, (1998 Jan 26) 782 (1-2) 184-93.
Journal code: 0045503. ISSN: 0006-8993.
- L7 ANSWER 21 OF 46 MEDLINE DUPLICATE 14
TI Heterogeneous expression and activity of endothelial and inducible nitric oxide synthases in end-stage human heart failure: their relation to lesion site and beta-adrenergic receptor therapy.
SO CIRCULATION, (1998 Jul 14) 98 (2) 132-9.
Journal code: 0147763. ISSN: 0009-7332.
- L7 ANSWER 22 OF 46 MEDLINE
TI Activated T helper 1 and T helper 2 cells differentially express the beta-2-adrenergic receptor: a mechanism for selective modulation of T helper 1 cell cytokine production.
SO JOURNAL OF IMMUNOLOGY, (1997 Nov 15) 159 (10) 4857-67.
Journal code: 2985117R. ISSN: 0022-1767.
- L7 ANSWER 23 OF 46 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
TI Beta 2-adrenergic receptor stimulation induces upregulation of B7.2 expression on antigen-specific B cells and enhances Th2-cell dependent antibody production.
SO Journal of Allergy and Clinical Immunology, (1997) Vol. 99, No. 1 PART 2, pp. S220.
Meeting Info.: Joint Meeting of the American Academy of Allergy, Asthma and Immunology, the American Association of Immunologists and the Clinical Immunology Society San Francisco, California, USA February 21-26, 1997
ISSN: 0091-6749.
- L7 ANSWER 24 OF 46 MEDLINE DUPLICATE 15
TI Insulin and insulin-like growth factor I differentially induce alpha 1-adrenergic receptor subtype expression in rat vascular smooth muscle cells.
SO JOURNAL OF CLINICAL INVESTIGATION, (1996 Oct 15) 98 (8) 1826-34.
Journal code: 7802877. ISSN: 0021-9738.
- L7 ANSWER 25 OF 46 MEDLINE
TI Activation of beta(3) adrenergic receptors suppresses leptin expression and mediates a leptin-independent inhibition of food intake in mice.
SO DIABETES, (1996 Jul) 45 (7) 909-14.
Journal code: 0372763. ISSN: 0012-1797.
- L7 ANSWER 26 OF 46 MEDLINE DUPLICATE 16
TI Post-transcriptional induction of beta 1-adrenergic receptor by retinoic acid, but not triiodothyronine, in C6 glioma cells expressing thyroid hormone receptors.
SO EUROPEAN JOURNAL OF ENDOCRINOLOGY, (1996 Dec) 135 (6) 709-15.
Journal code: 9423848. ISSN: 0804-4643.
- L7 ANSWER 27 OF 46 MEDLINE
TI Adrenergic regulation of ICER (inducible cyclic AMP early repressor) and beta 1-adrenergic receptor gene expression in C6 glioma cells.
SO JOURNAL OF NEUROCHEMISTRY, (1996 Aug) 67 (2) 490-7.
Journal code: 2985190R. ISSN: 0022-3042.

L7 ANSWER 28 OF 46 MEDLINE DUPLICATE 17
 TI Inducible expression of beta 1- and beta 2-
 adrenergic receptors in rat C6 glioma cells: functional
 interactions between closely related subtypes
 SO MOLECULAR PHARMACOLOGY, (1996 Jul) 50 (1) 175-84.
 Journal code: 0035623. ISSN: 0026-895X.

L7 ANSWER 29 OF 46 CAPLUS COPYRIGHT 2002 ACS
 TI UVB irradiation induces decreased expression of
 beta 2-adrenergic receptors in cultured keratinocytes
 SO Archives of Dermatological Research, (1996), 289(1), 55-56
 CODEN: ADDEDL. ISSN: 0340-3696

L7 ANSWER 30 OF 46 MEDLINE DUPLICATE 18
 TI Reduced beta-adrenergic receptor activation
 decreases G-protein expression and beta-
 adrenergic receptor kinase activity in porcine heart.
 SO JOURNAL OF CLINICAL INVESTIGATION, (1995 Mar) 95 (3) 1271-
 80.
 Journal code: 7802877. ISSN: 0021-9738.

=> d 27

L7 ANSWER 27 OF 46 MEDLINE
 AN 96340126 MEDLINE
 DN 96340126 PubMed ID: 8764572
 TI Adrenergic regulation of ICER (inducible cyclic AMP early
 repressor) and beta1-adrenergic receptor gene
 expression in C6 glioma cells.
 AU Fitzgerald L R; Li Z; Machida C A; Fishman P H; Dunan R S
 CS Division of Molecular Psychiatry, Department of Psychiatry, Yale
 University School of Medicine, New Haven, Connecticut 06508, USA.
 NC 2 PO1 MH25642 (NIMH)
 MH5481 (NIMH)
 SO JOURNAL OF NEUROCHEMISTRY, (1996 Aug) 67 (2) 490-7.
 Journal code: 2985190R. ISSN: 0022-3042.
 CY United States
 DT Journal: Article (JOURNAL ARTICLE)
 LA English
 ES Priority Journals
 EM 199609
 ED Entered STN: 19960924
 Last Updated on STN: 19970203
 Entered Medline: 19960919

=> d 27 ab

L7 ANSWER 27 OF 46 MEDLINE
 AB ICER (inducible cyclic AMP early repressor), a member
 of the cyclic AMP response element (CRE) modulator (CREM) family of
 transcription factors, is a powerful repressor of cyclic
 AMP-mediated transactivation. Our studies characterize the regulation of
 ICER in C6 glioma cells and investigate its role in repressing
 transcription of the beta1-adrenergic receptor
 (beta1AR) gene. Incubation with isoproterenol (100 nM) results in a rapid
 induction in levels of mRNA for ICER and its splice variant
 ICERgamma, with maximal induction occurring after 2 h of
 treatment. Incubation with isoproterenol also increased levels of CREM
 isoforms within 1 h; this was unexpected given previous reports that these

isoforms are not rapidly induced. Increased expression
 of ICER and CREM was accompanied by induction of two CRE-binding
 complexes. The presence of ICER in these two CRE-binding complexes is
 demonstrated by their disruption with CREM antibody and by their
 comigration with recombinant ICER. Because the time course for
 isoproterenol induction of ICER mRNA and CRE binding corresponds
 to that for down-regulation of beta1AR mRNA levels in C6 glioma cells, the
 influence of ICER beta1AR transcription was directly examined.
 Coexpression of ICER significantly decreased transcriptional activity of a
 rat beta1AR promoter-luciferase reporter construct that contains a CRE. In
 contrast, coexpression of ICER did not influence two unregulated rat beta1AR
 promoter constructs that lack the CRE site. These data demonstrate that
 ICER can interact at the beta1AR promoter to repress
 transcription.

=> d 10-19 it so

L7 ANSWER 10 OF 46 MEDLINE DUPLICATE 7
 TI Expression of human (beta)3-adrenergic
 receptor induces adipocyte-like features in CHO/K1
 fibroblasts.
 SO JOURNAL OF CELL SCIENCE, (1999 Nov) 112 (Pt 21) 3791-7.
 Journal code: 0052457. ISSN: 0021-9553.

L7 ANSWER 11 OF 46 MEDLINE DUPLICATE 8
 TI alpha1-adrenergic receptor activation of
 c-fos expression in transfected rat-1 fibroblasts: role of Ca2+.
 SO JOURNAL OF PHARMACOLOGY AND EXPERIMENTAL
 THERAPEUTICS, (1999 Jun) 289 (3)
 1376-84.
 Journal code: 0376362. ISSN: 0022-3365.

L7 ANSWER 12 OF 46 MEDLINE DUPLICATE 9
 TI Platelet-derived growth factor-BB inhibits rat alpha1D-adrenergic
 receptor gene expression in vascular smooth muscle cells
 by inducing AP-2-like protein binding to alpha1D
 proximal promoter region.
 SO MOLECULAR PHARMACOLOGY, (1999 Dec) 56 (6) 1152-61.
 Journal code: 0035623. ISSN: 0026-895X.

L7 ANSWER 13 OF 46 MEDLINE DUPLICATE 10
 TI Role of the beta(3)-adrenergic receptor and/or a
 putative beta(4)-adrenergic receptor on the
 expression of uncoupling proteins and protonsome
 proliferator-activated receptor-gamma coactivator-1.
 SO BIOCHEMICAL AND BIOPHYSICAL RESEARCH
 COMMUNICATIONS, (1999 Aug 11) 261 (3)
 870-6.
 Journal code: 0372516. ISSN: 0006-291X.

L7 ANSWER 14 OF 46 BIOSIS COPYRIGHT 2002 BIOLOGICAL
 ABSTRACTS INC.
 TI Brain death induces increased beta-adrenergic
 receptor (betaAR) kinase 1 expression in the heart.
 SO Circulation, (Nov. 2, 1999) Vol. 110, No. 18 SUPPL., pp. 1.165
 Meeting Info.: 72nd Scientific Sessions of the American Heart Association
 Atlanta, Georgia, USA November 7-10, 1999
 ISSN: 0009-7322.

L7 ANSWER 15 OF 46 BIOSIS COPYRIGHT 2002 BIOLOGICAL
 ABSTRACTS INC.

TI Microvascular smooth-muscle specific expression of alpha2C-
 adrenergic receptor: Role of oxidant stress and stress-
 activated protein kinase p38 in gene regulation.
 SO Circulation, (Nov. 2, 1999) Vol. 110, No. 18 SUPPL., pp. 1.848
 Meeting Info.: 72nd Scientific Sessions of the American Heart Association
 Atlanta, Georgia, USA November 7-10, 1999
 ISSN: 0009-7322.

L7 ANSWER 16 OF 46 MEDLINE
 TI Molecular identification and coexpression of galinin and GalR-1 galinin
 receptor in the human ocular ciliary epithelium: differential modulation
 of their expression by the activation of alpha2- and
 beta2-adrenergic receptors in cultured ciliary
 epithelial cells.
 SO JOURNAL OF NEUROCHEMISTRY, (1998 Dec) 71 (6) 2260-70.
 Journal code: 2985190R. ISSN: 0022-3042.

L7 ANSWER 17 OF 46 MEDLINE DUPLICATE 11
 TI Endotoxin-induced alteration in the expression of
 leptin and beta3-adrenergic receptor in adipose
 tissue.
 SO AMERICAN JOURNAL OF PHYSIOLOGY, (1998 Jun) 274 (6 Pt 1)
 E992-7.
 Journal code: 0370511. ISSN: 0002-9513.

L7 ANSWER 18 OF 46 MEDLINE DUPLICATE 12
 TI Formoterol and isoproterenol induce c-fos gene
 expression in osteoblast-like cells by activating beta2-
 adrenergic receptors.
 SO BONE, (1998 May) 22 (5) 471-8.
 Journal code: 8504048. ISSN: 8756-3282.

L7 ANSWER 19 OF 46 MEDLINE
 TI Arsenite induces decreased expression of beta2-
 adrenergic receptors in cultured keratinocytes.
 SO ARCHIVES OF DERMATOLOGICAL RESEARCH, (1998 Jul) 290 (7)
 402-4.
 Journal code: 8000462. ISSN: 0340-3696.

=> d 17 ab

L7 ANSWER 17 OF 46 MEDLINE DUPLICATE 11
 AB Cytokines, such as tumor necrosis factor (TNF) and interleukin-6, may
 contribute to the anorexia and cachexia of infection, cancer, and AIDS.
 The present study tests the hypothesis that endotoxin alters the
 expression of two key fat cell proteins, leptin and
 beta3-adrenergic receptor (beta3-AR), through a
 mechanism involving TNF-alpha. Increasing doses of Escherichia coli
 endotoxin (lipopolysaccharide, LPS) resulted in dose-dependent elevations
 of plasma leptin (maximal response approximately 7.6-fold, half-maximal
 effective dose of approximately 16 mcg/kg/100 g body wt) and while fat
 leptin mRNA in C57HeOU mice. LPS also produced a large decrease in
 adipose tissue beta3-AR mRNA and a parallel reduction in beta3-agonist-
 induced activation of adenylyl cyclase. Changes in
 plasma leptin and beta3-AR mRNA were preceded by an approximately
 threefold increase in white fat TNF mRNA. TNF administration resulted in
 changes similar to those seen with LPS. We conclude that endotoxemia
 results in an induction of leptin mRNA and a decrease in
 beta3-AR mRNA in adipose tissue, an effect that may be mediated by
 alterations in TNF-alpha.

- => s PPAR-gamma
L8 3087 PPAR-GAMMA
- => s PPAR-gamma/i
L9 765 PPAR-GAMMA/IT
- => s l9 and express?/i
L10 184 L9 AND EXPRESS?/IT
- => s l10 and (induc? or activat? or repress? or up-reg? or down-reg? or inhib?)/i
L11 110 L10 AND (INDUC? OR ACTIVAT? OR REPRESS? OR UP-REG? OR DOWN-REG? OR INHIB?)/IT
- => dup rem l11
PROCESSING COMPLETED FOR L11
- L12 82 DUP REM L11 (28 DUPLICATES REMOVED)
- => d 20-25 ii so
- L12 ANSWER 20 OF 82 MEDLINE DUPLICATE 6
TI Effects of peroxisome proliferator-activated receptor-gamma (PPAR-gamma) on the expression of inflammatory cytokines and apoptosis induction in rheumatoid synovial fibroblasts and monocytes
SO JOURNAL OF AUTOMMUNITY, (2001 Nov) 17 (3) 215-21.
Journal code: 8812164. ISSN: 0896-8411.
- L12 ANSWER 21 OF 82 CAPLUS COPYRIGHT 2002 ACS
TI Increased expressions of p21WAF1/Cip1, p27Kip1, and p18INK4c through PPAR-gamma activation lead to G1 arrest of the cell-cycle in human hepatoma cells
SO Japanese Pharmacology & Therapeutics (2001), 29(Suppl. 2), S155-S159
CODEN: JPTABU
- L12 ANSWER 22 OF 82 CAPLUS COPYRIGHT 2002 ACS
TI Novel expression and function of peroxisome proliferator-activated receptor gamma (PPAR-gamma) in human neuroblastoma cells
SO Clinical Cancer Research (2001), 7(1), 98-104
CODEN: CCREF4. ISSN: 1078-0432
- L12 ANSWER 23 OF 82 CAPLUS COPYRIGHT 2002 ACS
TI Expression of peroxisome proliferator-activated receptor gamma (PPAR-gamma) in synovial tissues of inflammatory arthritis
SO Eukary. Solut. (2001), 21(1), 71-77
CODEN: ENSHCC
- L12 ANSWER 24 OF 82 CAPLUS COPYRIGHT 2002 ACS
TI Growth inhibition of PPAR-gamma
SO Environmental Medicine (2001), 45(1), 26-28
CODEN: ENMEEB. ISSN: 0287-0517
- L12 ANSWER 25 OF 82 CAPLUS COPYRIGHT 2002 ACS
TI The ligand/activators for peroxisome proliferator-activated receptor alpha (PPAR-alpha) and PPAR-gamma increase Cx27, Cx27.2-superoxide dismutase and decrease p22phox message expressions in primary endothelial cells
- SO Metabolism, Clinical and Experimental (2001), 50(1), 3-11
CODEN: METAAJ. ISSN: 0026-0495
- => d 50-55 ii so
- L12 ANSWER 50 OF 82 CAPLUS COPYRIGHT 2002 ACS
TI PPAR-gamma activation induces the expression of the adipocyte fatty acid binding protein gene in human monocytes
SO Biochemical and Biophysical Research Communications (1999), 261(2), 456-458
CODEN: BBRCAY. ISSN: 0006-291X
- L12 ANSWER 51 OF 82 CAPLUS COPYRIGHT 2002 ACS
TI PPAR-gamma. Inhibits the Expression of c-MET in Human Gastric Cancer Cells through the Suppression of Ets
SO Biochemical and Biophysical Research Communications (1999), 265(2), 453-456
CODEN: BBRCAY. ISSN: 0006-291X
- L12 ANSWER 52 OF 82 CAPLUS COPYRIGHT 2002 ACS
TI Thiazolidinediones Down-Regulate Plasmicogen Activator Inhibitor Type 1 Expression in Human Vascular Endothelial Cells: A Possible Role for PPAR-gamma in Endothelial Function
SO Biochemical and Biophysical Research Communications (1999), 258(2), 431-435
CODEN: BBRCAY. ISSN: 0006-291X
- L12 ANSWER 53 OF 82 CAPLUS COPYRIGHT 2002 ACS
TI Inhibition of Oncofetal expression and terminal osteoblast differentiation by PPAR-gamma 2
SO Journal of Cellular Biochemistry (1999), 74(3), 357-371
CODEN: JOCEB5. ISSN: 0730-2312
- L12 ANSWER 54 OF 82 CAPLUS COPYRIGHT 2002 ACS
TI Expression of peroxisome proliferator-activated receptor gamma (PPAR-gamma) in human transitional bladder cancer and its role in inducing cell death
SO Neoplasia (New York) (1999), 1(4), 330-339
CODEN: NEOPPL. ISSN: 1522-8002
- L12 ANSWER 55 OF 82 MEDLINE DUPLICATE 13
TI Use of a PPAR-gamma-specific monoclonal antibody to demonstrate thiazolidinediones induce PPAR-gamma receptor expression in vitro.
SO HYBRIDOMA, (1999 Jun) 18 (3) 273-80.
Journal code: 8202424. ISSN: 0272-457X.
- => d 65-70 ii so
- L12 ANSWER 65 OF 82 CAPLUS COPYRIGHT 2002 ACS
TI Estrogen-induced production of a peroxisome proliferator-activated receptor (PPAR) ligand in a PPAR-gamma-expressing tissue
SO Journal of Biological Chemistry (1998), 273(46), 30131-30138
CODEN: JBCHA3. ISSN: 0021-9258
- L12 ANSWER 66 OF 82 CAPLUS COPYRIGHT 2002 ACS
TI Expression of the peroxisome proliferator-activated receptor gamma (PPAR-gamma) in human atherosclerosis and regulation in macrophages by colony stimulating factors and oxidized low density lipoprotein
SO Proceedings of the National Academy of Sciences of the United States of America (1998), 95(13), 7614-7619
CODEN: PNASA6. ISSN: 0027-8424
- L12 ANSWER 67 OF 82 CAPLUS COPYRIGHT 2002 ACS
TI The short- and long-term effects of tumor necrosis factor-alpha and BRL 49653 on peroxisome proliferator-activated receptor (PPAR) gamma 2 gene expression and other adipocyte genes
SO Molecular Endocrinology (1998), 12(8), 1150-1160
CODEN: MOENEN. ISSN: 0888-8809
- L12 ANSWER 68 OF 82 CAPLUS COPYRIGHT 2002 ACS
TI Induction of PPAR-gamma 1 expression in human THP-1 monocytic leukemia cells by 9-cis-retinoic acid is associated with cellular growth suppression
SO Biochemical and Biophysical Research Communications (1998), 251(3), 842-848
CODEN: BBRCAY. ISSN: 0006-291X
- L12 ANSWER 69 OF 82 CAPLUS COPYRIGHT 2002 ACS
TI Expression of peroxisome proliferator-activated receptor gamma (PPAR-gamma) in rat aortic smooth muscle cells
SO Biochemical and Biophysical Research Communications (1998), 247(2), 353-356
CODEN: BBRCAY. ISSN: 0006-291X
- L12 ANSWER 70 OF 82 CAPLUS COPYRIGHT 2002 ACS
TI Differential expression of the peroxisome proliferator-activated receptor gamma (PPAR-gamma) and its coactivators steroid receptor coactivator-1 and PPAR-binding protein PBP in the brown fat, urinary bladder, colon, and breast of the mouse
SO American Journal of Pathology (1998), 153(2), 349-354
CODEN: AJPA44. ISSN: 0002-9440
- => d 71-82 ii so
- L12 ANSWER 71 OF 82 CAPLUS COPYRIGHT 2002 ACS
TI Oxidized LDL regulates macrophage gene expression through ligand activation of PPAR-gamma
SO Cell (Cambridge, Massachusetts) (1998), 93(2), 229-240
CODEN: CELLB5. ISSN: 0092-8674
- L12 ANSWER 72 OF 82 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
TI Myelin P0 expression is regulated by peroxisome proliferator activated receptor gamma (PPAR-gamma)
SO Molecular Biology of the Cell, (Nov., 1998) Vol. 9, No. SUPPL., pp. 228A.
- Meeting Info.: 38th Annual Meeting of the American Society for Cell Biology San Francisco, California, USA December 12-16, 1998 American Society for Cell Biology
ISSN: 1059-1524.
- L12 ANSWER 73 OF 82 CAPLUS COPYRIGHT 2002 ACS
TI Expression and cDNA cloning of porcine peroxisome proliferator-activated receptor gamma (PPAR-gamma)

SO Gene (1998), 225(1-2): 89-96
CODEN: GENED6; ISSN: 0378-1119

L12 ANSWER 74 OF 82 CAPLUS COPYRIGHT 2002 ACS
TI Macrophages in human atherosclerosis contain PPAR gamma:
differentiation-dependent peroxisomal proliferator-activated
receptor gamma (PPAR gamma) expression
and reduction of MMP-9 activity through PPAR gamma
activation in mononuclear phagocytes in vitro
SO American Journal of Pathology (1998), 153(1): 17-23
CODEN: AJPA44; ISSN: 0002-9440

L12 ANSWER 75 OF 82 CAPLUS COPYRIGHT 2002 ACS
TI Coordinate regulation of the expression of the fatty acid
transport protein and acyl-CoA synthetase genes by PPAR alpha and
PPAR gamma activators
SO Journal of Biological Chemistry (1997), 272(45): 28210-28217
CODEN: JBCH43; ISSN: 0021-9258

L12 ANSWER 76 OF 82 BIOSIS COPYRIGHT 2002 BIOLOGICAL
ABSTRACTS INC DUPLICATE
15

TI TNF alpha-mediated inhibition and reversal of adipocyte
differentiation is accompanied by suppressed expression of
PPAR-gamma without effects on Pparg-1 expression
SO Endocrinology (1997) Vol. 138, No. 7, pp. 2776-2783.
ISSN: 0013-7227

L12 ANSWER 77 OF 82 BIOSIS COPYRIGHT 2002 BIOLOGICAL
ABSTRACTS INC.
TI Selective induction by seizures of the expression of
gamma isoform of the peroxisome proliferator-activated receptor
(PPAR-gamma) in cerebral cortex and hippocampus.
SO Society for Neuroscience Abstracts (1997) Vol. 23, No. 1-2, pp. 863.
Meeting Info.: 27th Annual Meeting of the Society for Neuroscience, Part 1
New Orleans, Louisiana, USA October 25-30, 1997
ISSN: 0190-5295

L12 ANSWER 78 OF 82 BIOSIS COPYRIGHT 2002 BIOLOGICAL
ABSTRACTS INC.
TI Molecular cloning and gene expression of rat
peroxisome-proliferator-activated receptor (PPAR)
gamma and effect of thiazolidinediones (TZDs) on secretion of
endothelin-derived relaxing peptide: Possible linkage of insulin
resistance and hypertension.
SO Circulation (10/21/97, 1997) Vol. 96, No. 8 SUPPL., pp. 1226.
Meeting Info.: 70th Scientific Sessions of the American Heart Association
Orlando, Florida, USA November 9-12, 1997
ISSN: 0009-7322

L12 ANSWER 79 OF 82 BIOSIS COPYRIGHT 2002 BIOLOGICAL
ABSTRACTS INC.
TI PPAR-gamma expression is down-
regulated by vitamins A and D during adipocyte differentiation.
SO Diabetologia (1997) Vol. 40, No. SUPPL. 1, pp. A173.
Meeting Info.: 16th International Diabetes Federation Congress Helsinki,
Finland July 20-25, 1997
ISSN: 0012-186X

L12 ANSWER 80 OF 82 MEDLINE DUPLICATE 16
TI Conditional ectopic expression of C/EBP beta in NIH-3T3 cells

induces PPAR gamma and stimulates
adipogenesis.
SO GENES AND DEVELOPMENT (1995 Oct 1) 9 (19) 2350-63.
Journal code: 8711660 ISSN: 0890-9369.

L12 ANSWER 81 OF 82 BIOSIS COPYRIGHT 2002 BIOLOGICAL
ABSTRACTS INC.
TI Induction of PPAR-gamma expression
and adipogenesis by C/EBP-beta and dexamethasone in NIH3T3 cells.
SO Molecular Biology of the Cell (1995) Vol. 6, No. SUPPL., pp. 413A.
Meeting Info.: Thirty-fifth Annual Meeting of the American Society for
Cell Biology Washington, D.C., USA December 9-13, 1995
ISSN: 1059-1524

L12 ANSWER 82 OF 82 MEDLINE DUPLICATE 17
TI Peroxisome proliferator-activated receptor (PPAR)
gamma: adipose-predominant expression and
induction early in adipocyte differentiation
SO ENDOCRINOLOGY (1994 Aug) 135 (2) 798-800.
Journal code: 0375040 ISSN: 0013-7227.

=>

---Logging off of STN---